PRODUCT DATASHEET
DP COMP TH 1500 V 62W 840 IP66

DAMP PROOF COMPACT THROUGHWIRING GEN 2 | Modern damp-proof luminaires with through-wiring and lumen-switchable versions

Areas of application

– Industrial and storage facilities
– Car parks and underpasses
– Garages
– Workshops, assembly lines

Product benefits

– Highly versatile due to available power select versions that allow 2 different lumen packages
– Excellently usable in bigger installations due to preinstalled through-wiring (3x1.5mm²)
– Easy access to electrical terminal thanks to end caps with twist and lock mechanism
– Tool-free electrical connection due to push button connector
– Evenly distributed light
– 5 years guarantee

Product features

– Power select option available to select between 2 lumen packages
– Through-wiring 3x1.5mm² already installed
– Lifetime (L80/B10): up to 50,000 h (at 25 °C)
– High luminous efficacy: up to 123 lm/W
– Polycarbonate housing IP66 and IK08
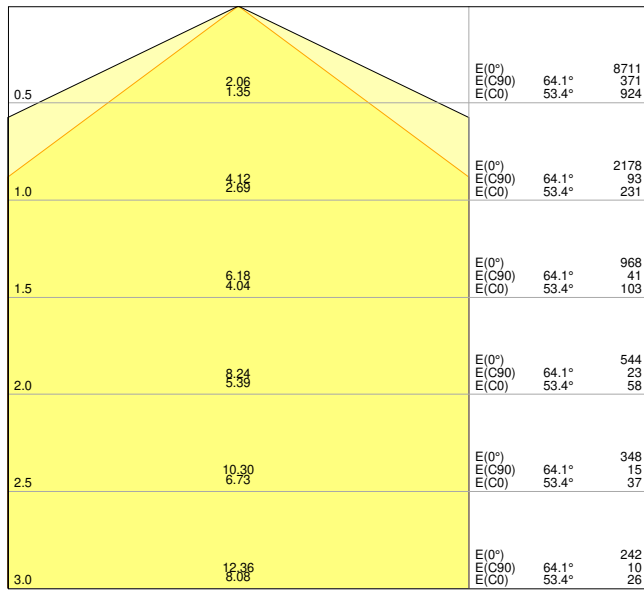– Beam angle: 120°

TECHNICAL DATA

Electrical data

Nominal wattage	62.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	277.000 mA
Inrush current	38.4 A
Inrush current time T_{h50}	4.64 µs
Max. no. of lum. on circuit break. B16 A	26
Max. no. of lum. on circuit break. C10 A	22
Max. no. of lum. on circuit break. C16 A	35
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

|	
Luminous flux	7500 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	2.06 / 1.35	E(0°) E(C90) 64.1° E(C0) 53.4°	8711 371 924
1.0	4.12 / 2.69	E(0°) E(C90) 64.1° E(C0) 53.4°	2178 93 231
1.5	6.18 / 4.04	E(0°) E(C90) 64.1° E(C0) 53.4°	968 41 103
2.0	8.24 / 5.39	E(0°) E(C90) 64.1° E(C0) 53.4°	544 23 58
2.5	10.30 / 6.73	E(0°) E(C90) 64.1° E(C0) 53.4°	348 15 37
3.0	12.36 / 8.08	E(0°) E(C90) 64.1° E(C0) 53.4°	242 10 26

C0/C180 (Half beam angle [°]: 106.8°)
C90/C270 (Half beam angle [°]: 128.2°)

LDC typ cone

cd/klm   η = 100 %

C0/C180
C90/C270
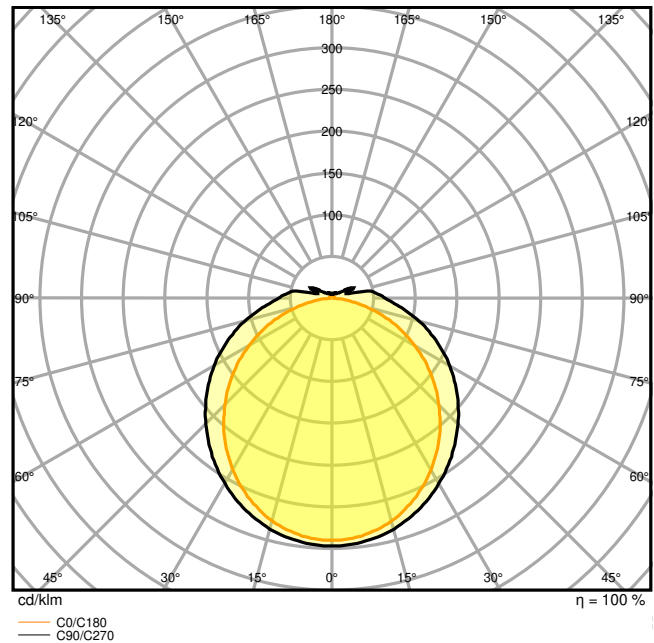
LDC typ polar

Dimensions & Weight

Length	1585.00 mm
Width	60.00 mm
Height	53.00 mm
Product weight	1005.00 g

1585mm   60 mm   53 mm
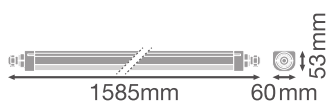
Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Temperature range at storage	-40...+80 °C
Type of connection	Screwless terminal, 3-Pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface/Suspended
Mounting location	Wall / Ceiling
Application environment	Indoor
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	55000 h
Lifespan L80/B10 at 25 °C	36000 h
Lifespan L90/B10 at 25 °C	19000 h
Number of switching cycles	100000

Control gear

Output current	694 mA
ECG - Output ripple current	< 20 %

Certificates & Standards

Standards	CE / CB / TÜV SÜD / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

Additional product data

Product remark	Available from September 2022

EQUIPMENT / ACCESSORIES

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Addon Technical Information
	Tender documents
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075741003	Shipping box 6	1,640 mm x 195 mm x 145 mm	8756.00 g	46.37 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION
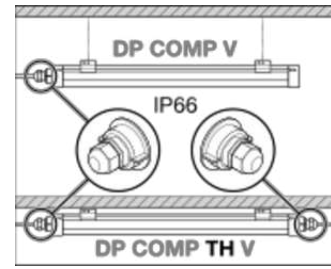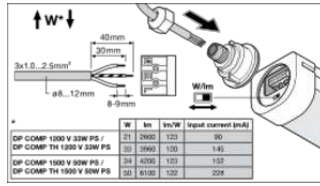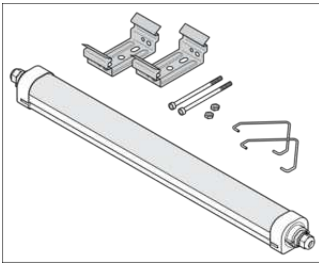
References / Links

- For Guarantee see www.ledvance.com/guarantee

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